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(71) Applicant (for all designated States except US): **UNIVERSITEIT GENT** [BE/BE]; Sint-Pietersnieuwstraat 25, B-9000 Gent (BE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VERPOORT, Francis Walter Cornelius** [BE/BE]; Noordabeelstraat 24A, B-8300 Gits (BE). **DROZDZAK, Renata Anna** [PL/FR]; 1, rue de l'Ouest - Apt.5, F-59100 Roubaix (FR). **LEDOUX, Nele** [BE/BE]; Abeelseweg 168, B-8970 Poperinge (BE). **ALLAERT, Bart Filip** [BE/BE]; Veldstraat 59, B-8650 Houthulst (BE).

(74) Agents: **BIRD, William, E.** et al.; Bird Goën & Co., Klein Dalenstraat 42, B-3020 Winksele (BE).

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(54) Title: METAL COMPLEXES FOR USE IN OLEFIN METATHESIS AND ATOM GROUP TRANSFER REACTIONS

(57) Abstract: Improved catalysts useful in a number of organic synthesis reactions such as olefin metathesis and atom or group transfer reactions are made by bringing into contact a multi-coordinated metal complex comprising a multidentate Schiff base ligand, and one or more other ligands, with an acid under conditions such that said acid is able to at least partly cleave a bond between the metal and the multidentate Schiff base ligand of said metal complex, optionally through intermediate protonation of said Schiff base ligand.



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